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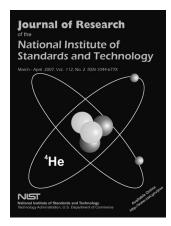
[J. Res. Natl. Inst. Stand. Technol. 112, 175 (2007)]

## Errata

**Erratum:** See below: correct description of Cover art for Volume 112, Number 2, March-April 2007.

Symbol in line 2 should be as follows: potential  $\phi_{07}$ , .....

Symbol in line 5 should be as follows: uncertainty of  $\phi_{07}$  and.....



[J. Res. Natl. Inst. Stand. Technol. Volume 112, Number 2, March-April 2007]

**Cover:** The cover art depicts a Helium atom which is the subject of improved ab initio calculations for He-He interactions. These improvements have led to (1) the construction of a new interatomic potential  $\phi_{07}$ , (2) recalculation of values for the second virial coefficient, the viscosity, and the thermal conductivity of <sup>4</sup>He from 1 K to 10,000 K, and (3), the analysis of the uncertainties of the thermophysical properties that propagate from the uncertainty of  $\phi_{07}$  and from the Born-Oppenheimer approximation of the electron-nucleon quantum mechanical system. See the paper by Hurly and Mehl in this issue (pages 75-94) for the complete details of these calculations. Cover art by C.Carey.